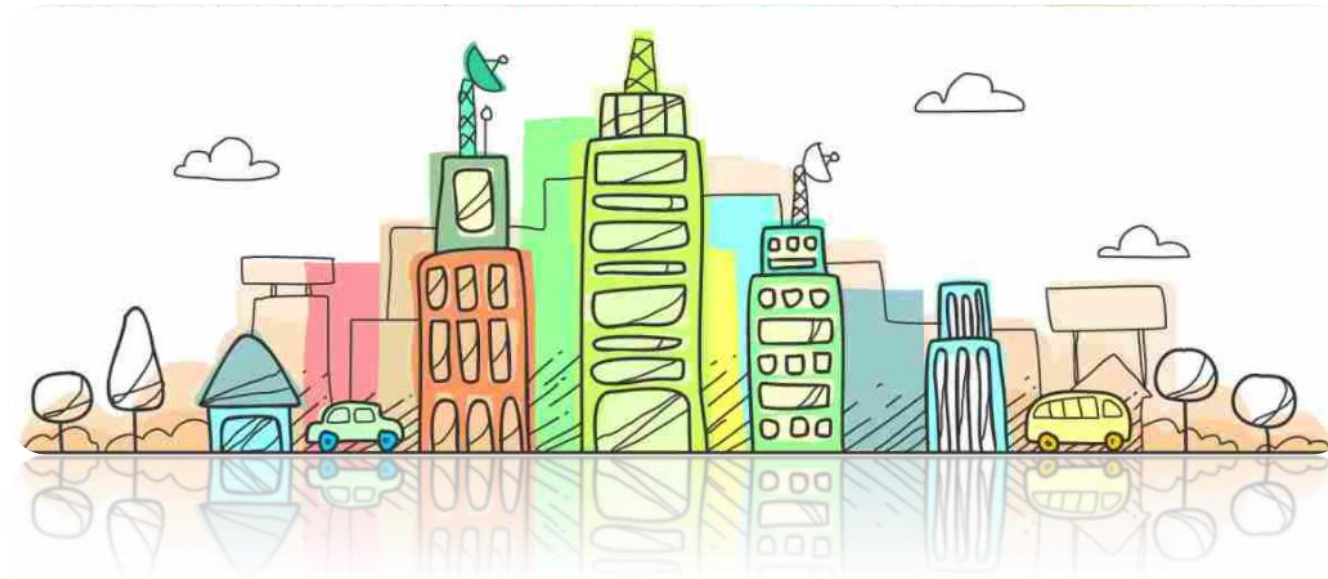




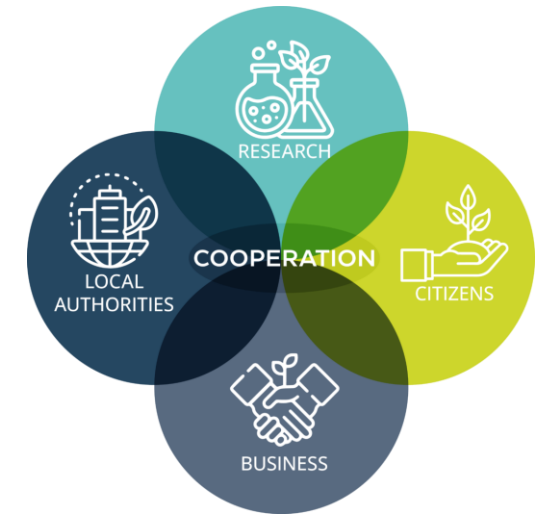
Experience and Insights from Coordinating SRIP SC&C

Assoc. prof. dr. David Kocman

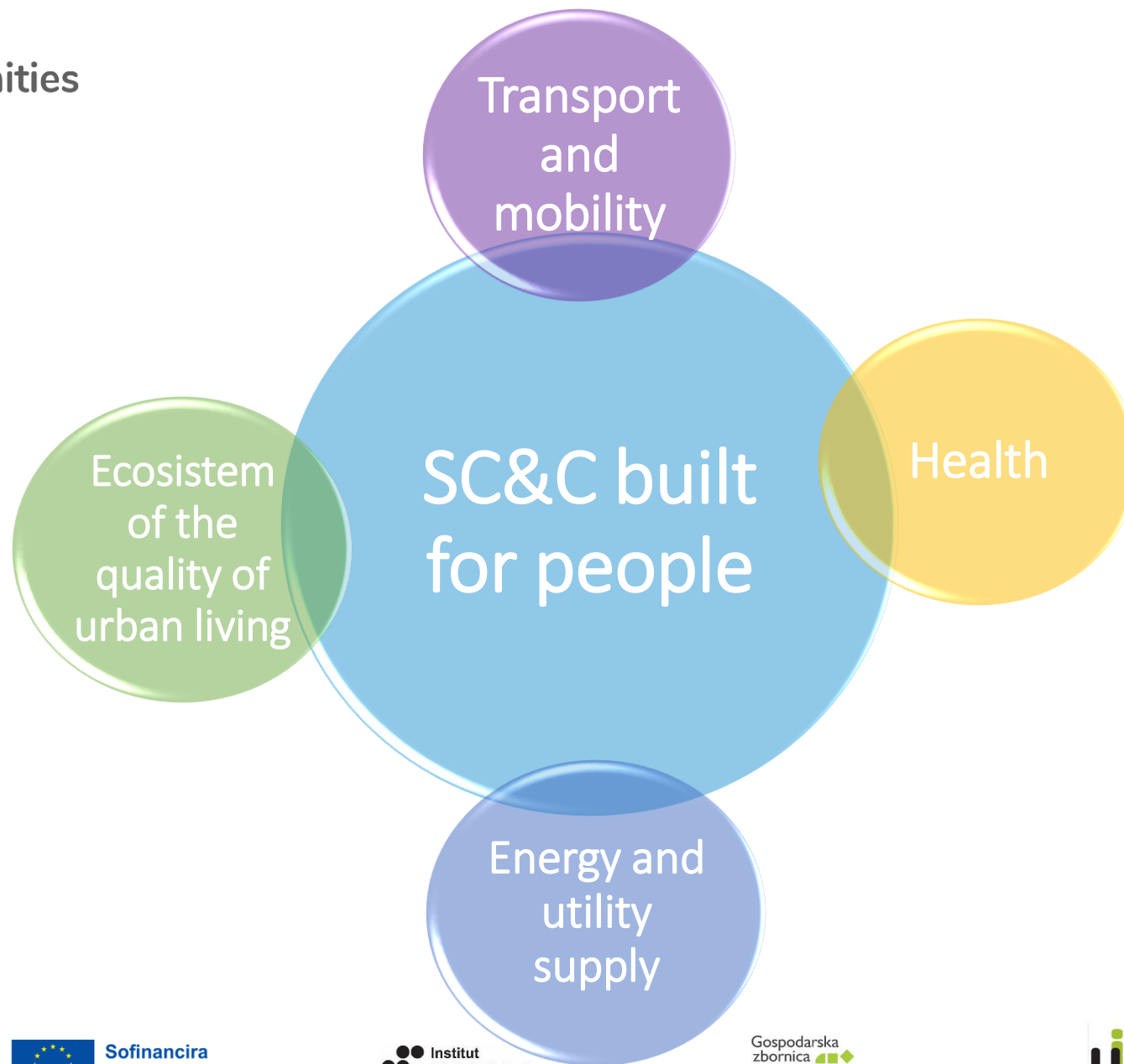
Jožef Stefan Institute, SRIP PMiS & Department of Environmental Sciences

SRIP Smart Cities & Communities: vision & structure

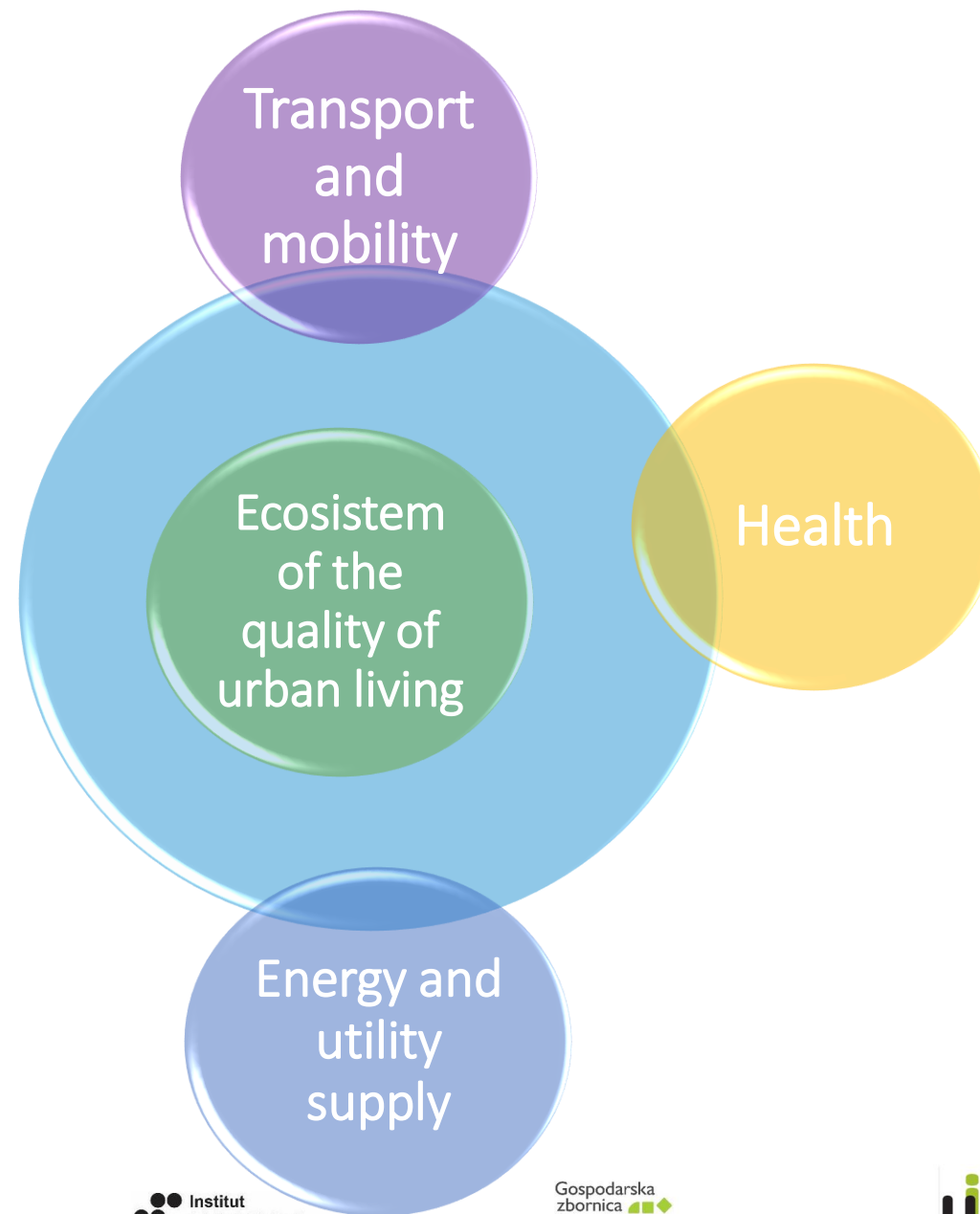
- To connect stakeholders across partnerships and value chains to create, develop, and promote/market sustainable ***smart products, services, and technologies*** that **improve quality of life** and support a green future.
- Focuses on integrating digital, energy, and infrastructure solutions to create smart, sustainable, and connected cities and regions.



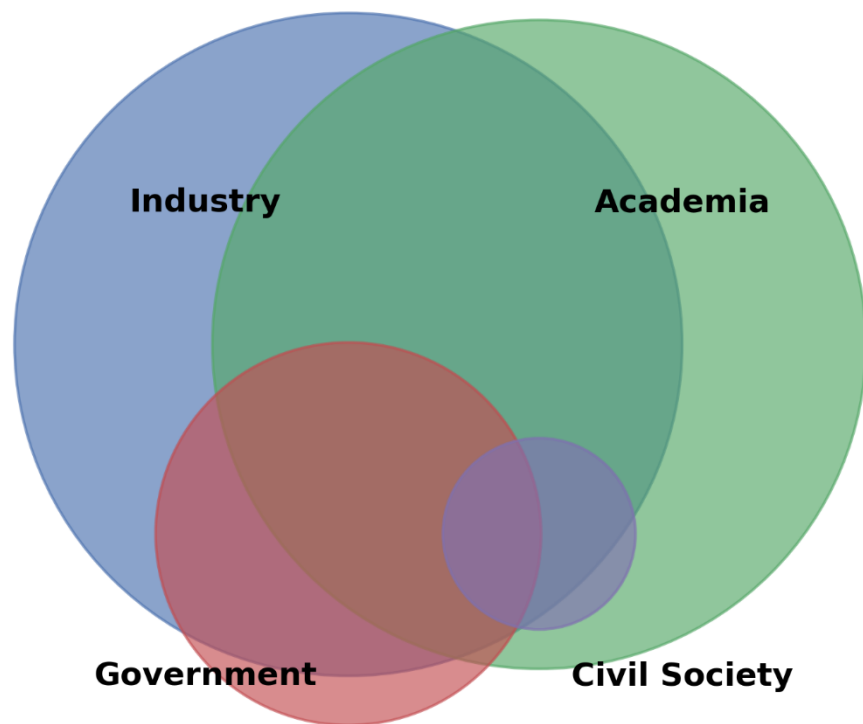
Focus areas of *SRIP SC & C*



Focus areas of *SRIP SC & C*



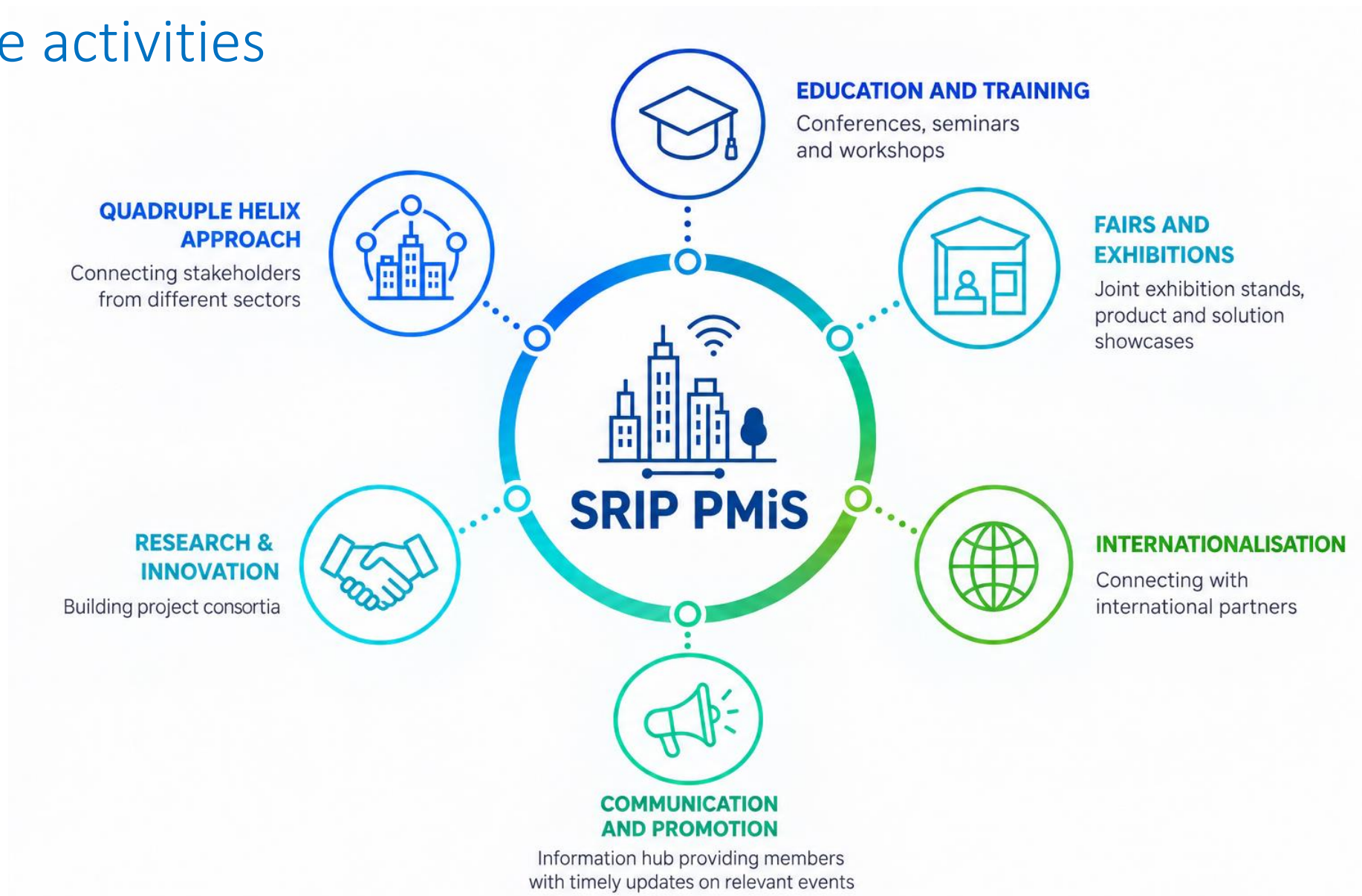
SRIP SC&C ecosystem



SRIP PMIS – Member Domains & Activities



SRIP PMiS – core activities



1

Carbon-neutral Society



Aggregate mobility data



Smart urban traffic management



Multimodal mobility platform

2

Connected Europe – Advanced Infrastructure



Smart traffic signals in cities and regions



Vehicle-to-infrastructure (V2I) communication

3

Smart Region



Coordinated regional transport systems



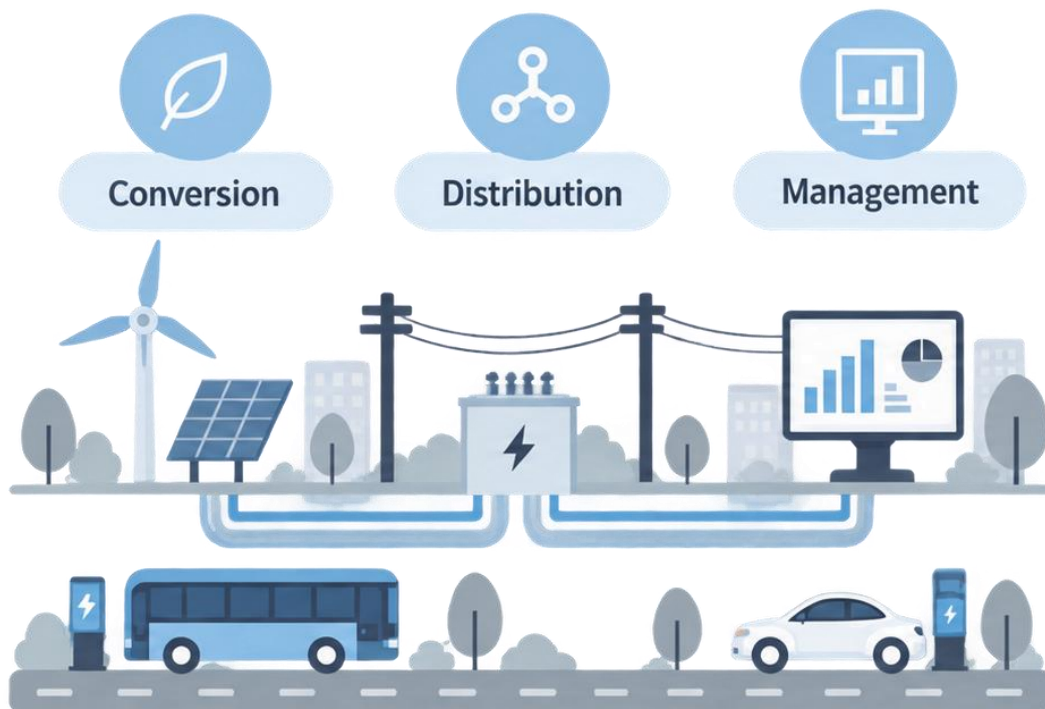
Regional control center and macro monitoring



Priority routes for emergency services



Mobility, transport and logistics



Key challenges



Integration across transport, electricity and heat domains and their networks.



Growing need for energy storage and robust data flows.



Anticipated disruption from trends such as electrification of transport and blurred boundaries between electricity and heat.



Energy and other supplies

1

Smart Devices, Sensors & Telehealth



Monitoring functional health parameters and quality of life in smart living environments



Personalized long-term care solutions for patients, the elderly, and other target groups

2

Smart Integrated Healthcare and Care System



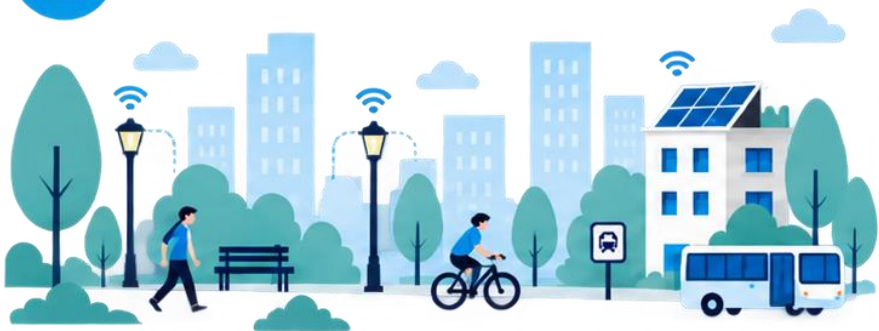
Establishment of an integrated, smart healthcare and care ecosystem



Health

1

Urban Quality of Life Management



Sustainability, circularity & climate-neutral urban development



Aligned with European Green Deal principles



Mission-oriented approaches for cities and communities

2

Platforms for Devices, Data & Services



Coordinated management of urban infrastructure



Connected data flows



Digital services for cities and communities



Ecosystem of urban quality of life

SRIP SC&C – Organisation of events for members

> 70 events organised (2023 – 2026)



SRIP SC&C – Collaboration of members in projects

30 projects across EU and national schemes

Climate & Energy

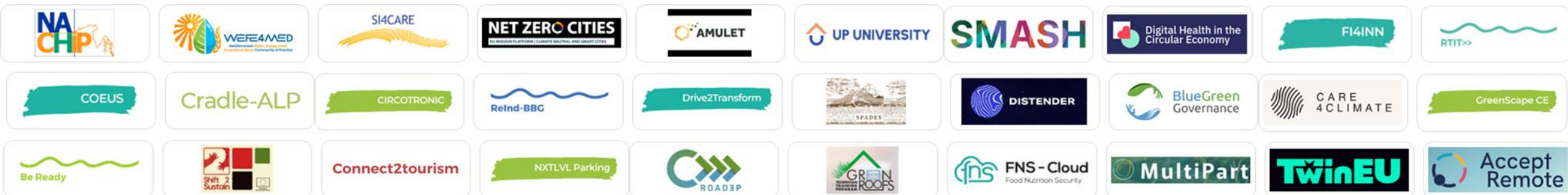
Circular Economy

Mobility & Urban Planning

Health & Wellbeing

Funding mix

Interreg 12 | Horizon Europe 7 | Horizon 2020 | Erasmus+ 2 | LIFE 1 | Other (national) schemes 5



SRIP SC&C - Internationalization

European Networks and Associations

Working together for smarter, greener and more inclusive cities in Europe.



European
Network of
Living Labs



International Contacts and Partnerships

Building global connections for smarter, more sustainable communities.



Direct contacts
with national smart city
associations and local agencies



**Through Slovenian
economic counsellors abroad**



In discussions
(planned meetings)



LOCAL PARTNERSHIPS.
GLOBAL IMPACT.

Media presence



Slovenske inovacije v svetovnem vrhu

»Z dosedanjim delom smo slovenska podjetja, ki ponujajo storitve in produkte na področju merjenja kakovosti zraka, povezovali z javnimi institucijami in predstavljali rešitve, ki jih te lahko implementirajo,« pravi David Kocman, vodja raziskovalne skupine za okoljsko informatiko na IJS. Z namenom večje ozaveščenosti in večjega sprejemanja ukrepov na tem področju so k sodelovanju povabili vse slovenske občine, ki jim pomagajo s povezovanjem ter predstavitvami dobrih praks in orodij, ki so na voljo. »Z novo direktivo so se naše aktivnosti na tem področju povečale, a ugotavljamo, da občine pogosto nimajo kadrovskih in finančnih sredstev za večje spremljanje tovrstnih zahtev in uporabo rešitev v praksi. Priložnosti za lažjo uporabo rešitev v praksi tako vidimo tudi na področju regijskega povezovanja,« pravi Kocman.

Razvoj pametnih mest v Sloveniji ne zavira tehnologija, ampak pomanjkanje kadrov

Digitalne rešitve postaja, ali imajo...



Klemen Koncinski

DIGITALIZACIJA PODEŽELJA

Od digitalizacije bodo morali imeti koristi vsi

Digitalizacija je eden pomembnejših vzvodov za decentralizacijo, saj omogoča, da so javne storitve dostopne ne glede na geografsko lokacijo uporabnika – dostopne so tam, kjer so ljudje, ne le tam, kjer so institucije. S tem se zmanjšuje potreba po koncentraciji storitev in delovnih mest v večjih upravnih središčih ter krepi vloga lokalnih okolij.

URSKA KUŽNER KACAR



Podoben vtis dr. David Iglar, glavna težava, saj gre pri uveljavljanju Ob tem opozarjajo tudi na DOBA Fakulteti, kjer izvajajo magistrski program

ZDRAVO MESTO

Glasnik slovenske mreže zdravih mest
št. 7; leto 2025

ISSN 2820-4212

ustreznega socialnega in organizacijskega soglasja pa jih je težje uvajati in vzdrževati.

Na to opozarjajo tudi na DOBA Fakulteti, kjer izvajajo magistrski program

Internet je osnova

Na MNZ pojasnijo, da država z gradnjo odprtih širokopasovnih omrežij zmanjšuje digitalni razkorak med urbani in podeželskimi območji. Cilj je zagotoviti, da bo kakovostna povezljivost dostopna tudi tam, kjer tržni interes zasebnih operaterjev ni dovolj velik. Marjeta Pucko iz Telekom Slovenije ob tem pravi, da širokopasovna povezljivost ni več zgolj dostop do interneta, temveč platforma za razvoj celotnega digitalnega gospodarstva. Podobno razmišljajo tudi v Strateškem razvojno-inovacijskem partnerstvu Pametna mesta in skupnosti (SRIP PMIS). Po njihovem mnenju hitra povezljivost omogoča razvoj e-zdravja, pametne mobilnosti, digitalnega izobraževanja in pametnega upravljanja občin.

Delo ni več vezano na naslov podjetja

Med največjimi spremembami, ki jih je prinesla digitalizacija, je razmah dela na daljavo. To omogo-

sedah vodje programa Vesne Kolenc, ki v mestih dolgo reševali sektorsko, medsektorsko sodelovanja, zato posamezne tehnološke in celovite premike.

la z uvajanjem posameznih pametnih rešitev, medsektorskim in medorganizacijskim sodelovanjem, pri čemer je tehnologija v oporo, ne le, ampak tudi. Vesna Kolenc Potočnik.

izr. prof. dr. David Iglar, glavna težava, saj gre pri uveljavljanju Ob tem opozarjajo tudi na DOBA Fakulteti, kjer izvajajo magistrski program

Na to opozarjajo tudi na DOBA Fakulteti, kjer izvajajo magistrski program

Partnership of networks

Z M O S

Z M O S

Association of Urban
Municipalities of Slovenia

CITIZEN SCIENCE.SI



Slovenian Citizen Science Network

NIJZ

National Institute
of Public Health

Healthy Cities Network



Open Source Geospatial Slovenia



Regional Development Agency of
Ljubljana Urban Region



Regional Development Agency for
Podravje – Maribor

teces

TECES · Green Technologies
Cluster

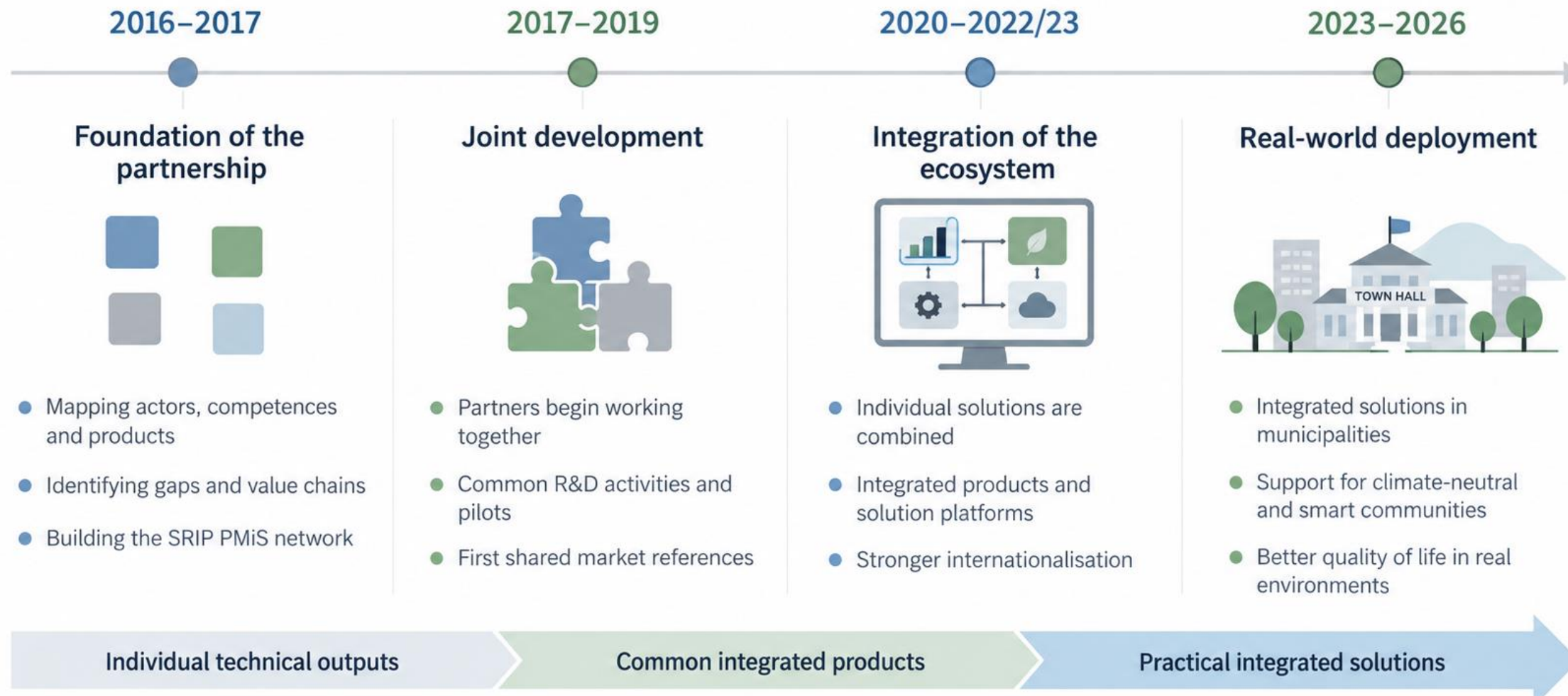


Technology Park Ljubljana

01

SRIP SC&C – Evolvment over time

From individual technical outputs to integrated solutions for real environments



Are we getting any smarter?

You can't improve what you don't measure

Standards for sustainable cities and communities:

- ISO 37120:2018 – Indicators for city services and quality of life
- ISO 37122:2019 – Indicators for smart cities
- ISO 37123:2019 – Indicators for resilient cities



4TH CONFERENCE

SMART COMMUNITIES AND MOBILITY

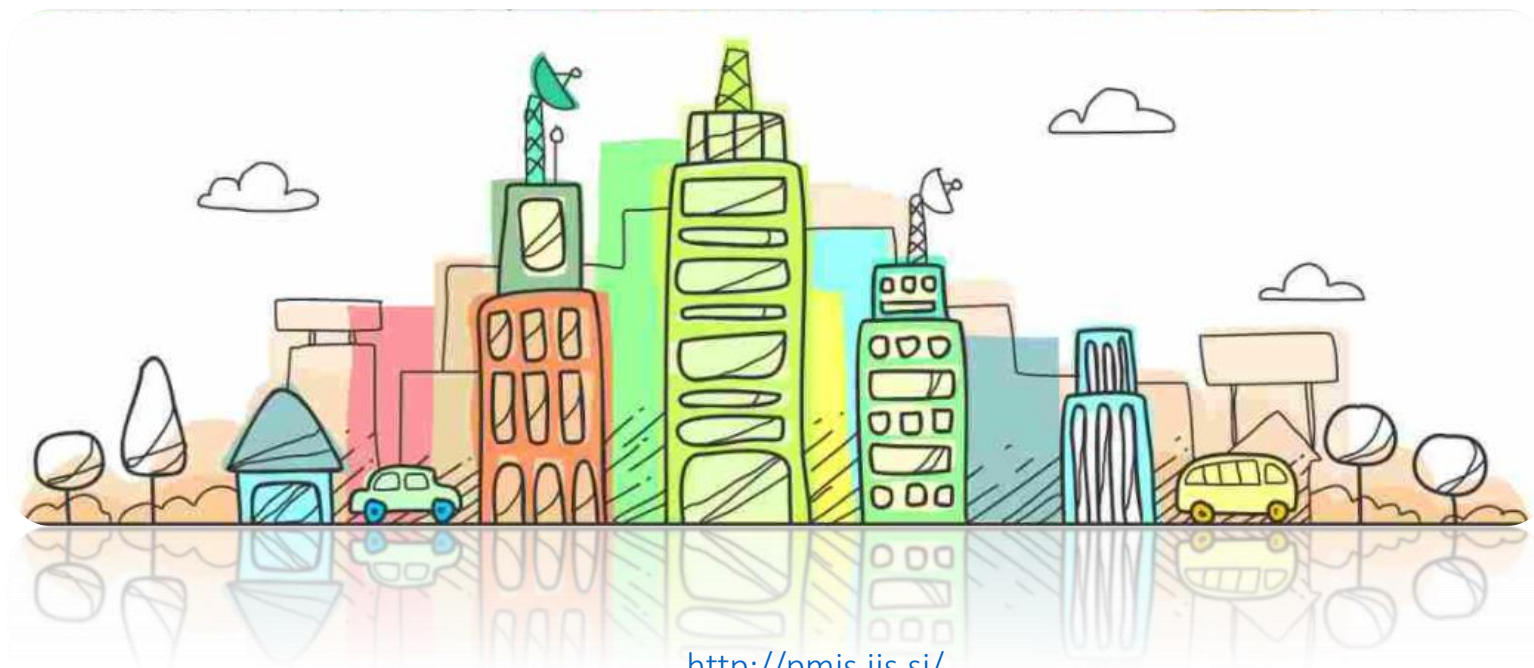
How to turn standards into effective implementation and results

September 29, 2026

[Register now](#)

SRIP Smart Cities & Communities

Good stories are created by **people** with a willingness to **embrace change**



<http://pmis.ijs.si/>

pmis@ijs.si

david.kocman@ijs.si